

FIG. 1

solid CUBE

facet

outer loop

vertex -1 -1 +1

vertex +1 -1 +1

vertex -1 +1 +1

endloop

endfacet

facet

outerloop

vertex +1 +1 +1

vertex -1 +1 +1

vertex +1 -1 +1

endloop

endfacet

facet

outer loop

vertex +1 +1 +1

vertex +1 +1 -1

vertex -1 +1 +1

endloop

endfacet

.....

.....

endsolid CUBE

Triangle	V _{i1}	V _{i2}	V _{i3}
T ₀	V ₀	V ₁	V ₃
T ₁	V ₂	V ₃	V ₁
T ₂	V ₂	V ₆	V ₃
T ₃	V ₇	V ₃	V ₆
T ₄	V ₂	V ₁	V ₆
T ₅	V ₅	V ₆	V ₁
T ₆	V ₄	V ₇	V ₅
T ₇	V ₆	V ₅	V ₇
T ₈	V ₁	V ₀	V ₅
T ₉	V ₄	V ₅	V ₀
T ₁₀	V ₃	V ₇	V ₀
T ₁₁	V ₄	V ₀	V ₇

Vertex	X	Y	Z
V ₀	-1	-1	+1
V ₁	+1	-1	+1
V ₂	+1	+1	+1
V ₃	-1	+1	+1
V ₄	-1	-1	-1
V ₅	+1	-1	-1
V ₆	+1	+1	-1
V ₇	-1	+1	-1

FIG. 2

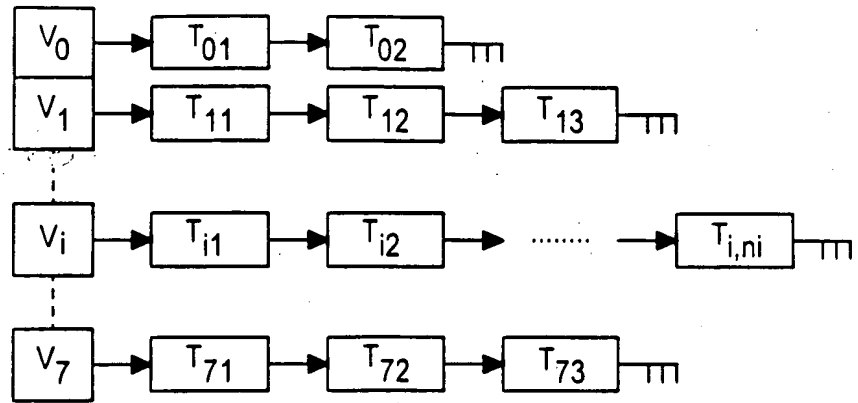


FIG. 3

Vertex	T_{i1}	T_{i2}	Vertex	T_{i1}	T_{i2}	Vertex	T_{i1}	T_{i2}
V_0	T_0		V_0	T_0		V_0	T_0	T_8	T_9	T_{10}	T_{11}
V_1	T_0		V_1	T_0	T_1	V_1	T_0	T_1	T_4	T_5	T_8
V_2			V_2	T_1		V_2	T_1	T_2	T_4		
V_3	T_0		V_3	T_0	T_1	V_3	T_0	T_1	T_2	T_3	T_{10}
V_4			V_4			V_4	T_6	T_9	T_{11}		
V_5			V_5			V_5	T_5	T_6	T_7	T_8	T_9
V_6			V_6			V_6	T_2	T_3	T_4	T_5	T_7
V_7			V_7			V_7	T_3	T_6	T_7	T_{10}	T_{11}
A			B			C					

FIG. 4

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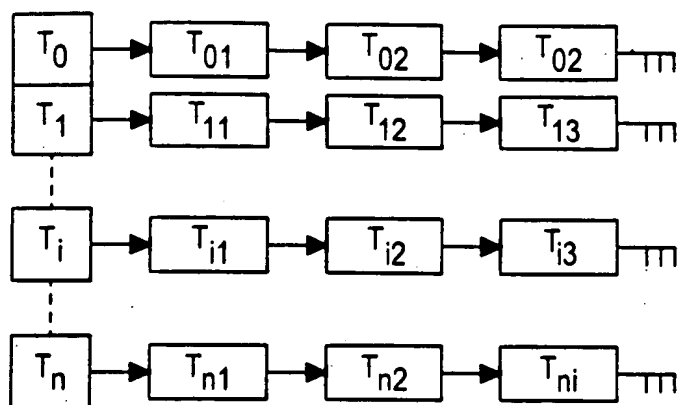


FIG. 5

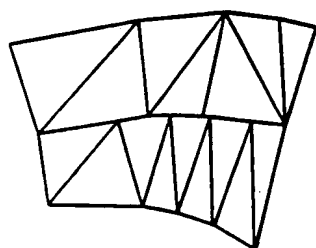


FIG. 6

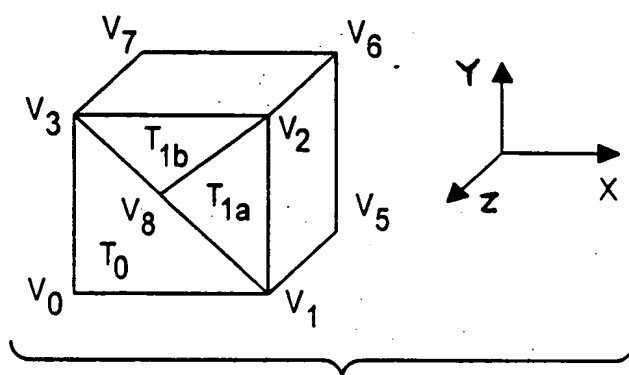


FIG. 7

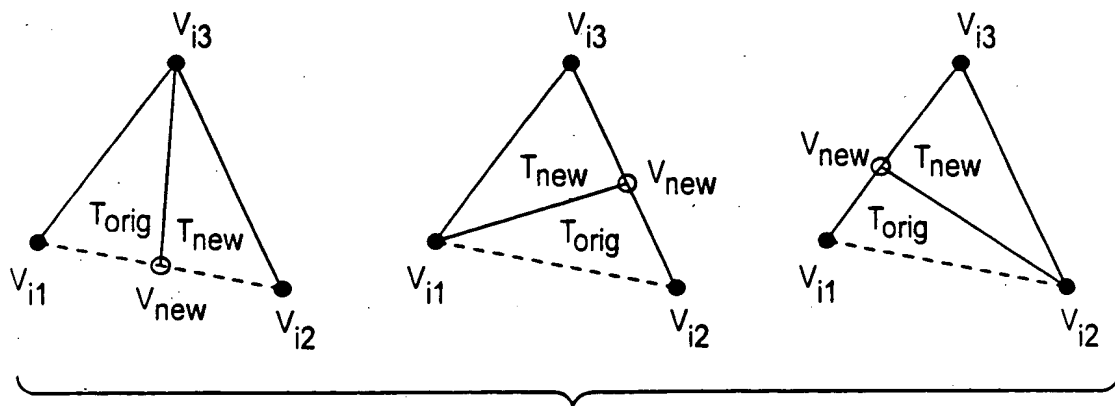
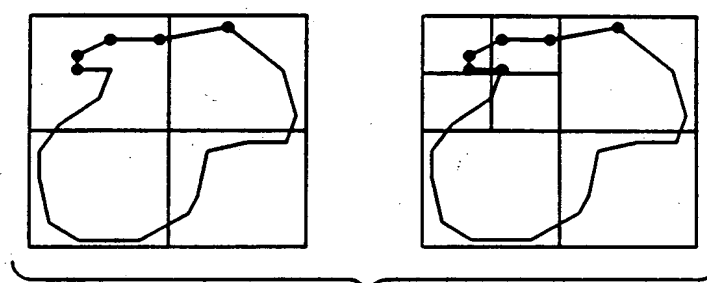
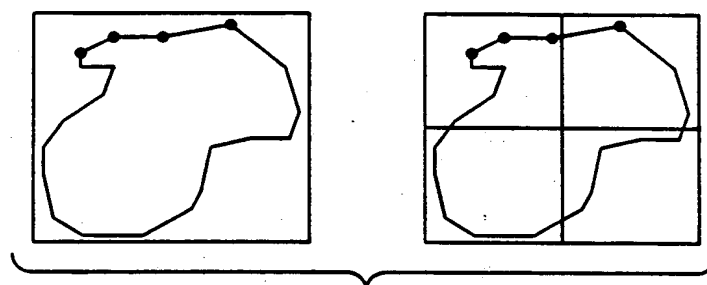
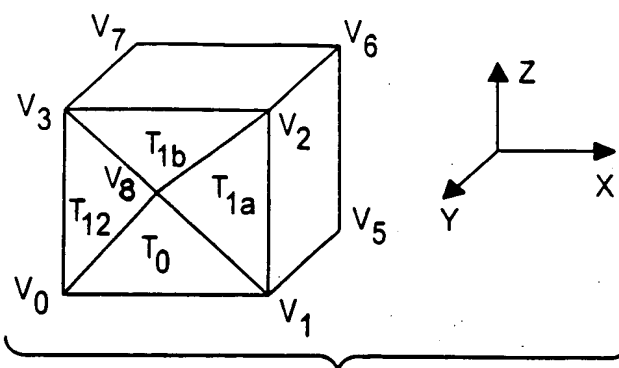


FIG. 8

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0000	0,0	0,1	0,1	0,1
0010			0,1	
0100		1,1		
1000	1,0	1,1		
	1,0		1,1	

